

Notice of Allowability

Application No.

10/759,948

Examiner

David B. Thomas

Applicant(s)

CHENG, CHIN SHUN

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the filing date of January 16, 2004.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on 16 January 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

David B. Thomas
Patent Examiner
Art Unit 3723

NOTICE OF ALLOWANCE

Allowable Subject Matter

1. Claims 1-18 are allowed.
2. The following is an examiner's statement of reasons for allowance: The present invention relates to a wrench structure whose operation angle can be adjusted arbitrarily, thereby facilitating the user operating the wrench structure. The wrench structure includes a drive rod, wherein a rotation member limits the drive rod, so that the drive rod is received in the body without detachment, and a press rod, wherein the drive rod limits the press rod, so that the press rod is received in the body without detachment. It is the examiner's opinion that the art of record considered as a whole, alone or in combination, neither anticipates nor renders obvious a drive rod that is movably mounted in the receiving hole of the body and has a first end provided with a plurality of engaging teeth meshing with the ratchet teeth of the rotation member and a second end formed with a groove facing the limit hole of the body, the groove of the drive rod has a side formed with an oblique face; and the press rod is movably mounted in the limit hole of the body and has a first end formed with a through hole mounted on the drive rod and aligned with the groove of the drive rod, the through hole of the press rod has a wall that is movable to press the oblique face of the drive rod so as to move the drive rod away from the rotation member, thereby detaching the engaging teeth of the drive rod from the ratchet teeth of the rotation member; or, a drive rod having a first end provided with a plurality of engaging teeth meshing with the ratchet teeth of the rotation member and a second end formed with a stepped hole facing the limit hole of

Art Unit: 3723

the body and having a first side formed with an arc-shaped press edge and a second side formed with an arc-shaped resting edge; and the press rod is movably mounted in the limit hole of the body and the stepped hole of the drive rod and has a first end formed with an oblique face rested on the press edge of the drive rod and a resting edge rested on the resting edge of the drive rod, together in combination with the rest of the limitations in the independent claims.

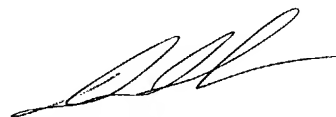
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David B. Thomas whose telephone number is (703) 308-4250. The examiner can normally be reached on 7-4 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail can be reached on (703) 308-2687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3723

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David B. Thomas
Patent Examiner
Art Unit 3723

dbt